



Regional Logistics
Engineering Center
(RLEC)

FLEET LOGISTICS SUPPORT
IMPROVEMENT
CONFERENCE

13-14 March 2002

Rosemary
Travis
NAVSEA
0415

BACKGROUND

- NSA IPT established by NAVSEA 04 to investigate Fleet reports of incomplete configuration change reporting and unsupported installations (Feb 00)
- Regional solution endorsed (Mar 01)
- Regional Logistics Engineering Center (RLEC) Project Plan established (Jun 01)
- Southeast Regional Logistics Engineering Center (SERLEC) Pilot approved (Sep 01)

FLEET CONCERNS

- Unsupported alterations, declining budgets
- Weaknesses in both policy/compliance
- No central repository or organization responsible for tracking/resolving ILS deficiencies
- IMA/FMA not reporting configuration changes for AERs/PYWIs no logistics support provided
- Multiple logistics in-briefs from various waterfront organizations

FLEET CONCERNS (con't)

- Validation redundancies – for some ship classes there is little or no validation efforts
- Lack of standard logistics procedures/business rules across the different platforms in each region
- Duplication of Functions, support services/infrastructure
- No standard procedure/organization responsible for enforcement of AIT logistics product delivery inside/outside availabilities
- Inability to accurately assess configuration accuracy and attainment of established goals

PRIMARY SYSTEMIC ISSUES

- LACK OF AIT CONTROL
- LACK OF OSLRs FOR EVERY SHIP CLASS
- LACK OF UNIVERSAL USE OF CDMD-OA
 - PROLIFERATION OF STAND-ALONE DATABASES
- LACK OF CONSISTENT POLICY/SOPs
 - MULTIPLE CONFLICTING POLICY DOCUMENTS (FMP, 3M, TECH SPEC 9090-310, NAVAL MESSAGES, ETC.)
 - NO STANDARD PROCEDURES FOR CDMs, ISEAs, NSAs, AITs
- LACK OF POLICY ENFORCEMENT
 - CNO WAIVER AUTHORITY
- LACK OF COMMON DATA ENVIRONMENT
 - NO SINGLE ENTRY/COMMON VISIBILITY OF DATA

PROCESS IMPROVEMENTS

AIT CONTROL	RMMCO/AMP	✓
CDM OSLR	PORT LOG	FY-03
CDMD-0A	ISSUE POLICY	✓
POLICY	ALIGN POLICY	FY-02
SOPs	CDM/ISEA WG	FY-02
	RLEC	FY-03
ENFORCEMENT	RMMCO	✓
	PORT LOG	FY-03
DATA ENVIR	ERP	FY-05

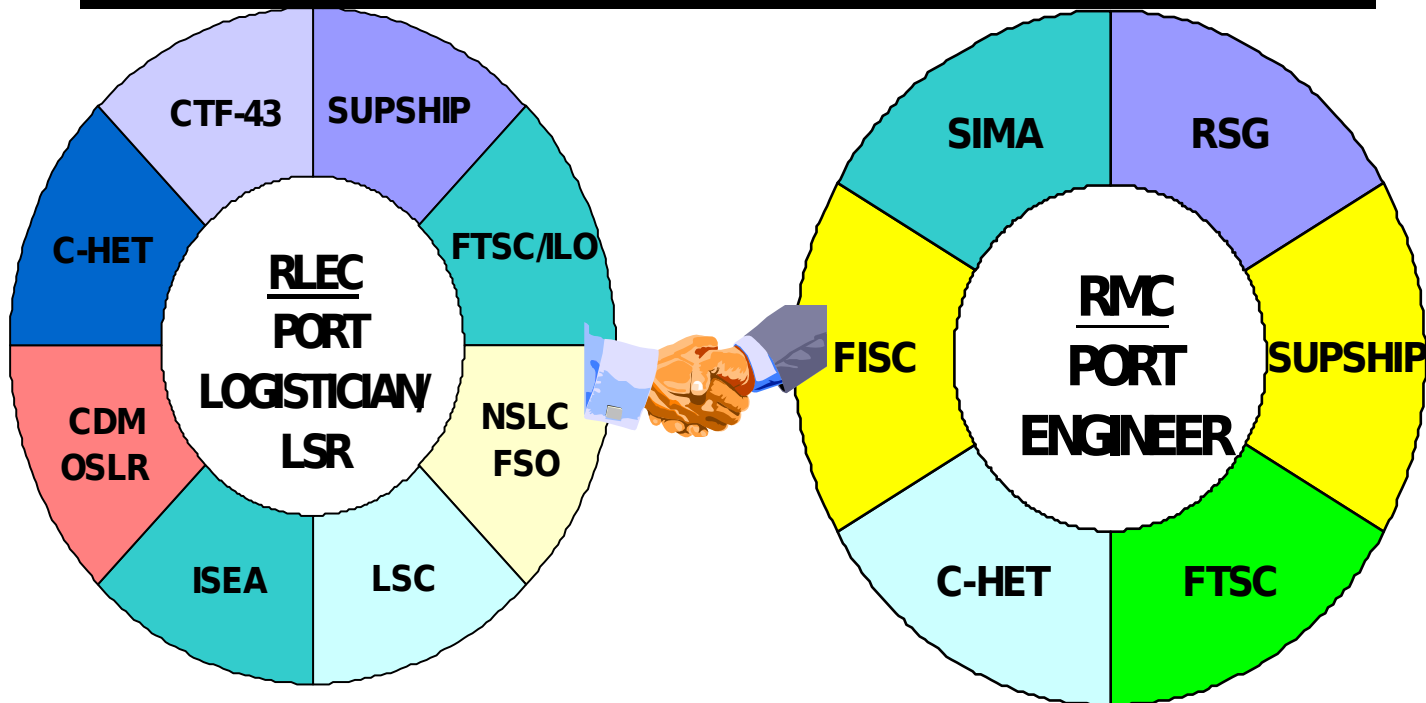
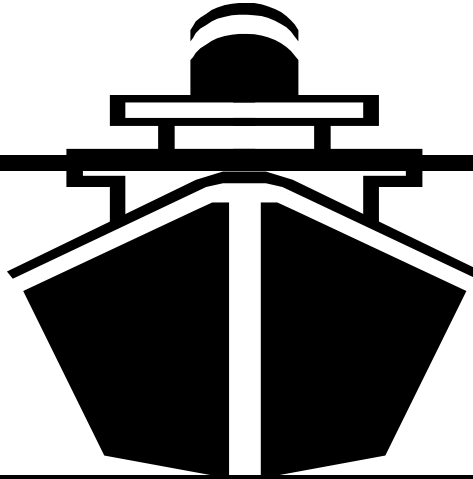
RLEC OBJECTIVES

- Create a fully integrated logistics engineering team in each region modeled after RMC concept
- Establish Port Logistician Role
 - Serve as the Ships Logistics Advocate to ensure Overall Logistics Health of a Ship
 - Ensure Life Cycle Support of Installed Systems and follow-up/delivery of all deficiencies in logistics support

RLEC GOALS

- Improve configuration accuracy and logistics support for ships
- Eliminate unsupported installations
- Streamline/standardize processes
- Eliminate duplications of effort
- Maximize utilization of existing resources
- Reduce Fleet workload (I-level maintenance configuration reporting/equipment validations)
- Consolidate waterfront efforts/reduce infrastructure
- Reduce cost
- Ensure adequate logistics coverage for AIT installations
- Establish regional “Distance Support” & validation capabilities

TOTAL SHIP SUPPORT



PORT LOGISTICIAN FUNCTIONS

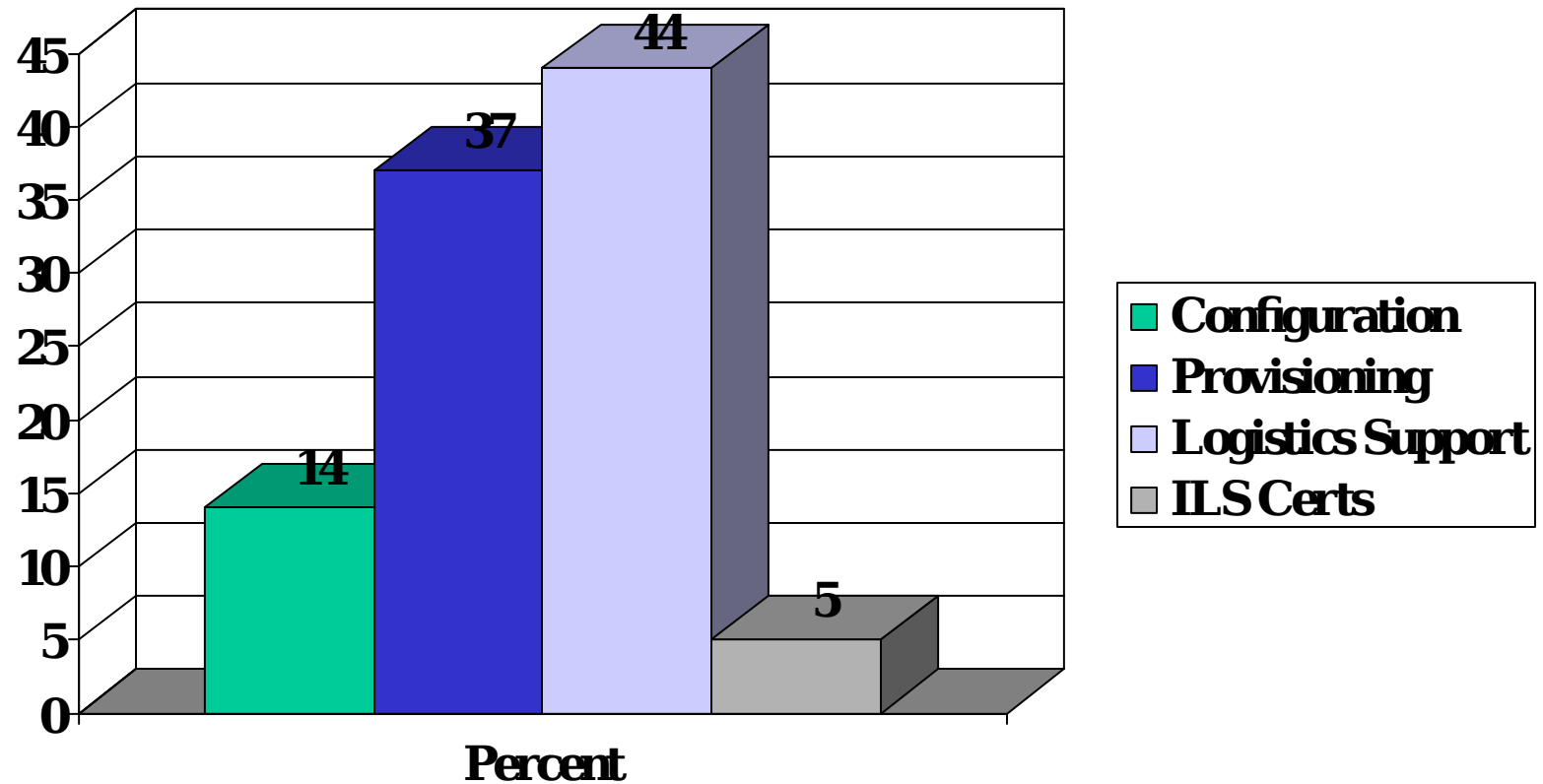
- Port Logistician designated for each ship
- Work hand in hand with ship's Port Engineer & LSR
- Ensure delivery/receipt of complete logistics support/proactive surveillance
- Track ILS waivers/deficiencies to completion
- Ensure completion/delivery of ILS certifications
- Coordinate logistics support/eliminate duplications of effort
- Ensure IMA/FMA configuration change reporting
- Manage Regional Validations

IMPACT

Results of the addition of a Port Logistician to Ingleside TX after 6 months:

- Projected savings in man-hours:
4622
- Projected cost avoidance:
\$221,856

IMPACT PROFILE



BENEFITS OF CONDUCTING PILOT IN MAYPORT

- Variety of Surface Ships, SUPSHIP, FTSC, ILO, CHET, NSLC, LSC, SERMC and SIMA
- Region has demonstrated unprecedented cooperative effort between all activities
- Size is small and manageable enough to test all aspects of the project
- NSLC Jacksonville is Lead in implementing SERLEC solution and is located in Mayport

RLEC PILOT

- Comprised of the following waterfront Fleet

Organization/Industry Partner	Logistics/Engineering Role
NSLC Jacksonville	Port Logisticians/Project Manager
PEO TSC	PEO TSC Project Lead
CTF-43	Logistics support for deployed ships
ILO Jacksonville	ILO Team
Bath Iron Works	CDM OSLR - FFG/DDG
Ingalls	CDM OSLR - DD/CG
CHET	ISEA/ ILS Representative/NSWC-PHD Logistics Representative
SUPSHIP Jacksonville	SUPSHIP ILS Manager
Logistics Support Center (LSC)	NAVSUP Logistics Support Representative
FTSC LANT DET Mayport	ISEA Logistics Rep

PILOT APPROACH

- During Pilot Implementation period, NSLC Jacksonville will:
 - Provide NSLC resources throughout duration of project
 - Brief all Logistics, Maintenance and Engineering Organizations in the Southeast Region on the SERLEC Pilot to secure their participation and support
 - Provide assistance in the derivation of the business/functional requirements
 - Document business solutions to stated operational requirements
 - Identify business and procedural impacts of implementation
 - Serve as the NAVSEA Project Manager and Technical Lead
 - Assist in the Development of Standard Processes and Procedures

PILOT OBJECTIVES

- Develop the Port Logistician Role and Ratio to Ships Determination
- Provide Assistance in the consultative process regarding the change management processes and the impacts of the Pilot Project
- Develop Specific Training Materials required for the Project
- Implement SERLEC at the Pilot Site
- Provide Help Desk Support for Pilot Project implementation
- Integrate Help Desk Support with NAVSEA Anchor Desk
- Provide Monthly Project status reports to NAVSEA 04L5
- Secure Facilities to Support Maximum Co-location of Logistics Engineering Organizations/Representatives in Mayport

SERLEC COMMUNICATION AND ORGANIZATION INTERFACES

- Establish Project Management Teams
 - External-NAVSEA 04 lead with PEO/Fleet/NAVSUP Reps
 - Internal - NSLC JAX lead with Nominated Regional Reps.
 - Monitor Implementation
 - Ensure Coordinated Approach Taken
- Establish Communication Plan
 - Manage Various Communication Aspects
 - Ensure Decisions and Related Activities are Effectively Communicated to and/or approved by:
 - Appropriate Organizations
 - Policy Groups
 - Personnel

PILOT DELIVERABLES

- Functional requirements and responsibilities of all waterfront logistics engineering organizations and representatives
- Process mapping to identify any gaps and duplications of effort in logistics engineering Fleet support
- Template of regional integrated/standardized logistics processes and procedures for use across ship platforms
- SERLEC organizational/relationship model
- Description of SERLEC roles and responsibilities for AIT policy enforcement and gate-keeping
- List of all identified AIS functional requirements for inclusion in the NDE-ILS module currently under development
- Performance indicators and metrics

PILOT DELIVERABLES (cont.)

- SERLEC MOA template
- Recommended Port Logistician to ship ratio
- Draft of applicable policy changes
- Standard regional logistics training materials
- Port Logistician duties and responsibilities/SOW (Government/Contractor) and Personnel Qualification Requirements
- Lessons Learned
- Business Case Analysis (BCA) for the project
- Pilot Project Final Report & Evaluation
- Project Management Plan
- Updated POA&M for Navy-wide Implementation

CRITERIA FOR SUCCESS

- Criteria For Success
 - Establishment of a fully integrated Logistics Engineering Support Team model Comprised of all Waterfront Logistics Organizations and Representatives
 - Attainment of Established Pilot Project goals and Objectives
 - Delivery of all Identified Documentation and Pilot Project Deliverables
 - Demonstrated Progress toward the Primary Goals and Objectives for the SERLEC Project